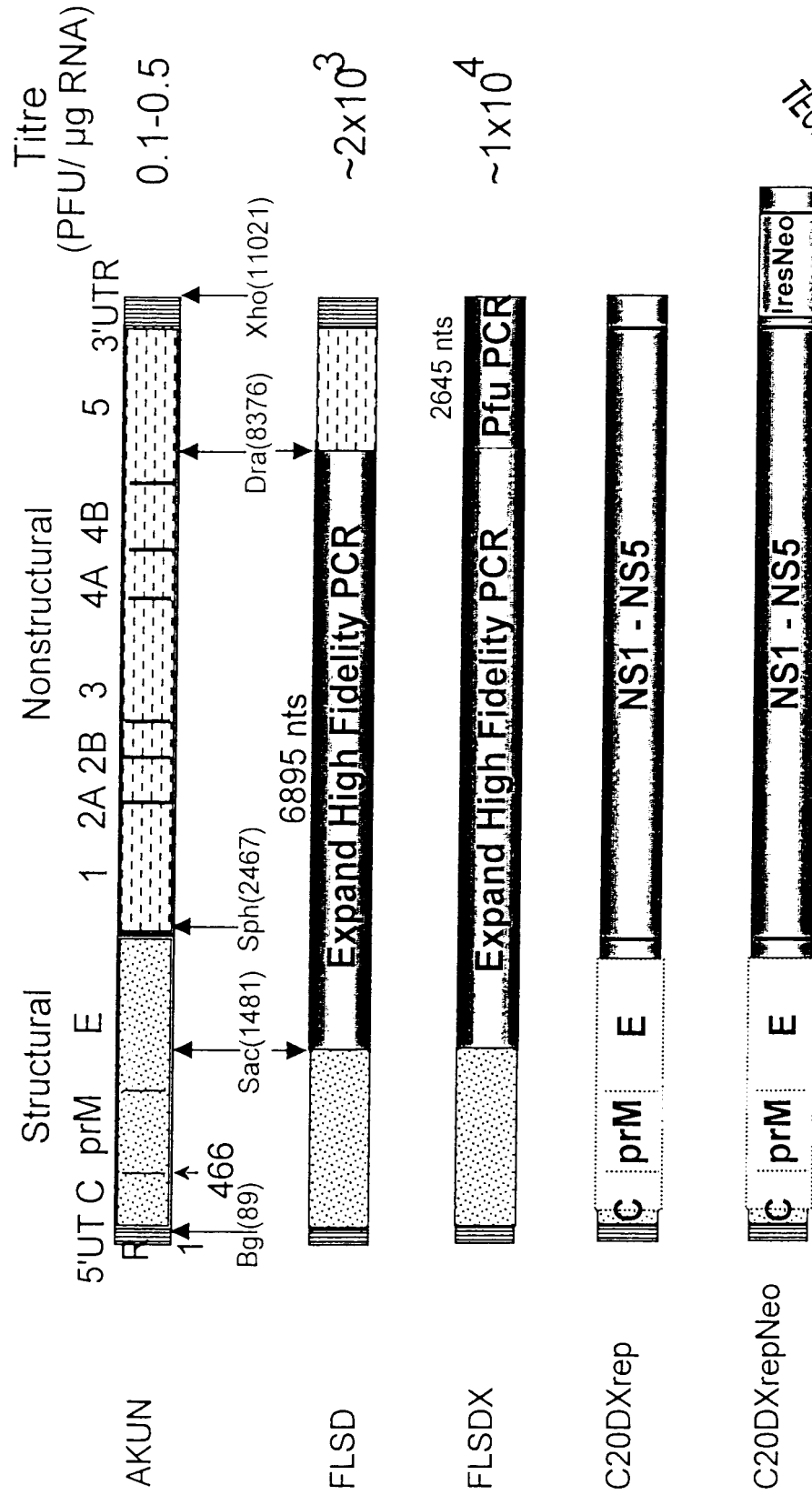
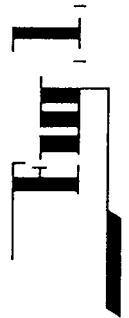


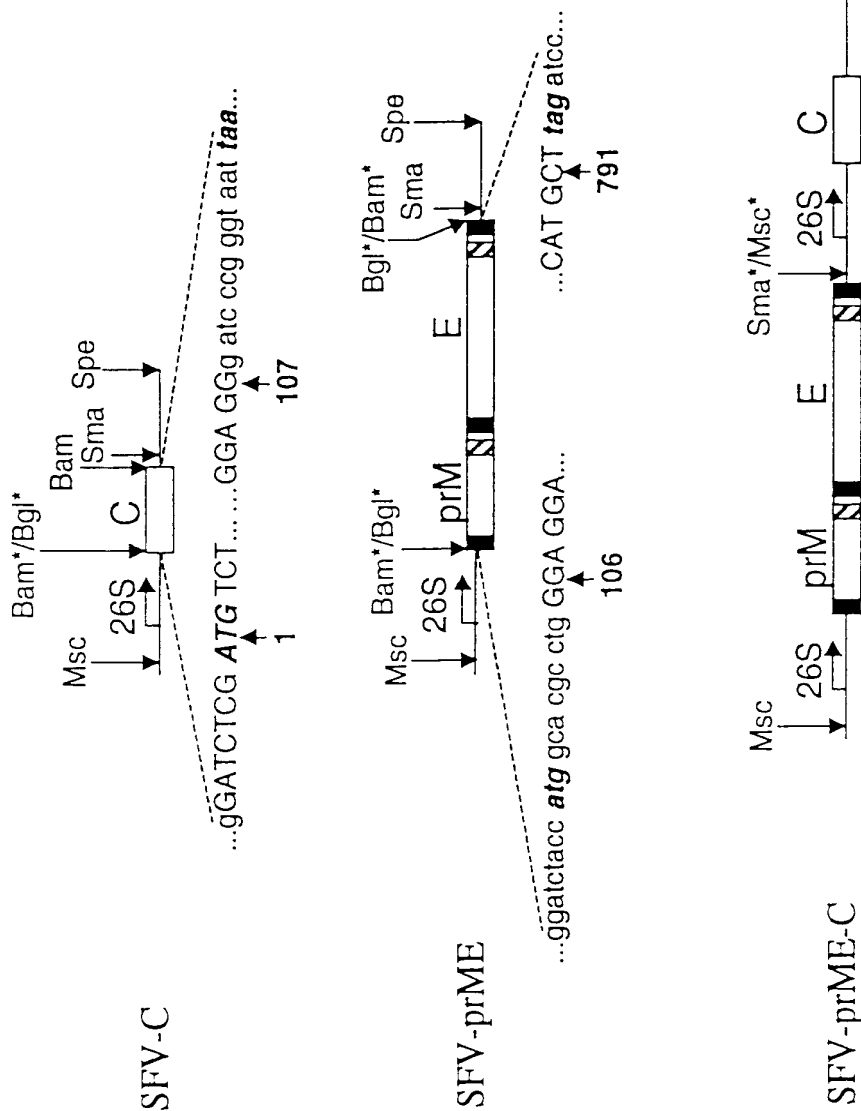


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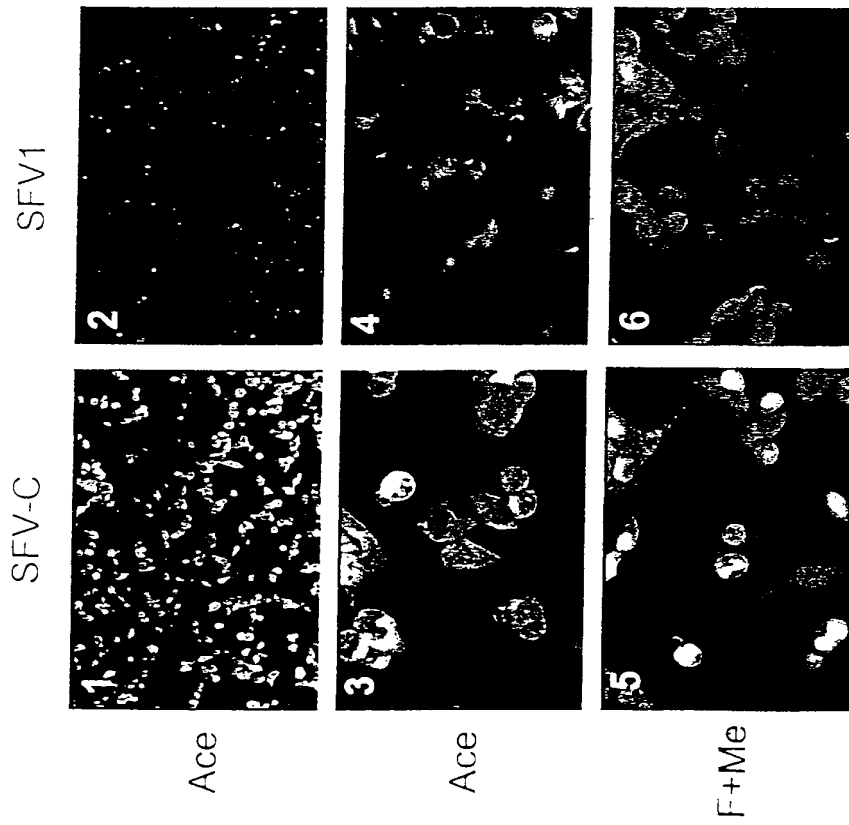
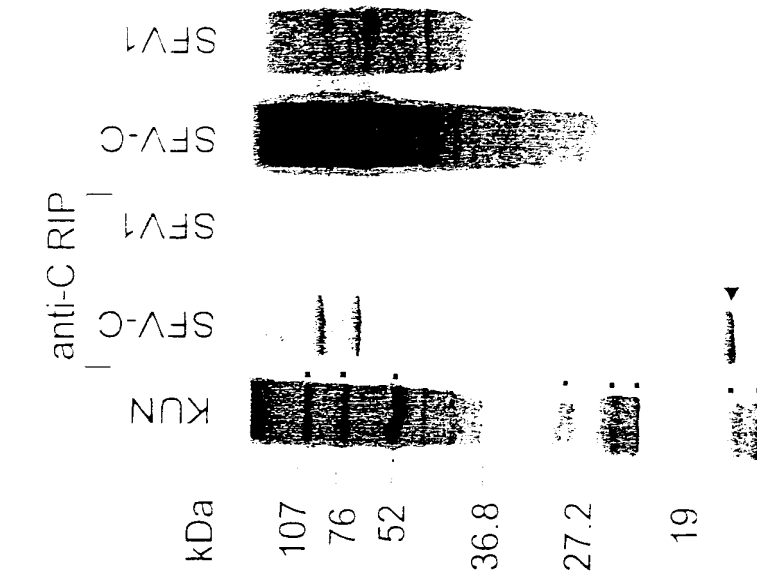




**Fig 2**



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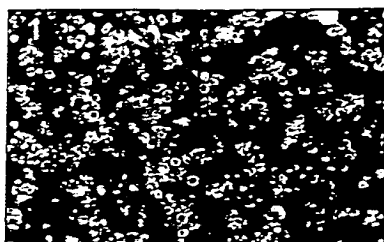
3A

3B



4/20

SFV-prME

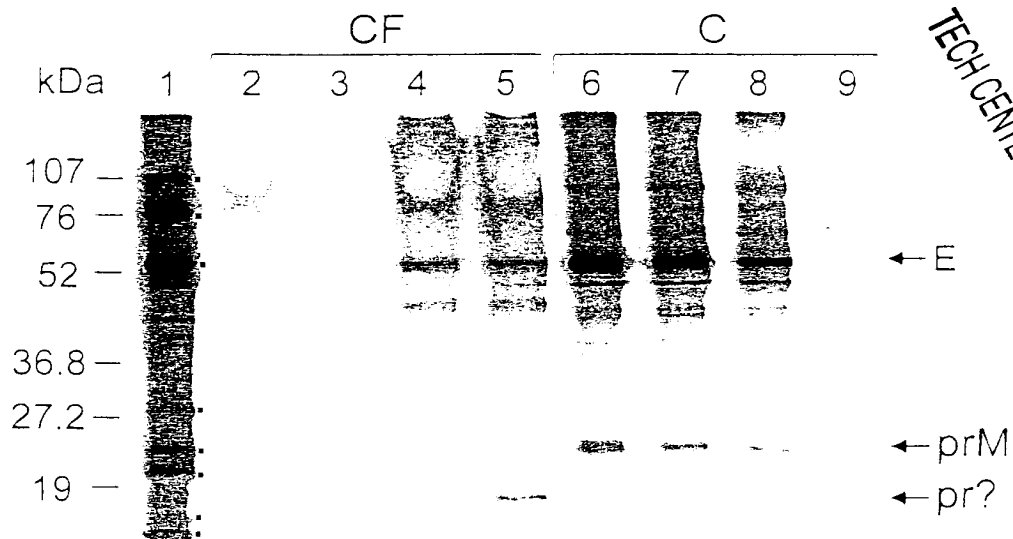


SFV1



A

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B



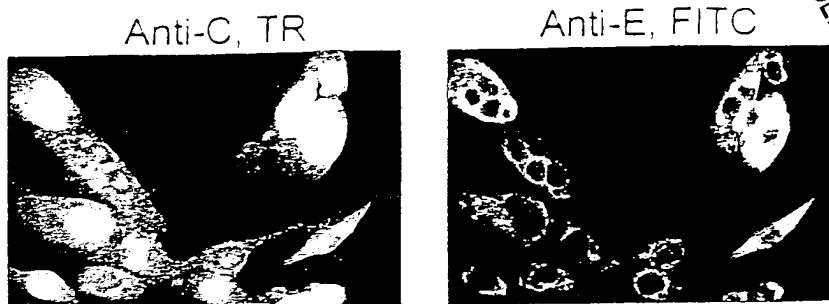
C

**Fig. 4**

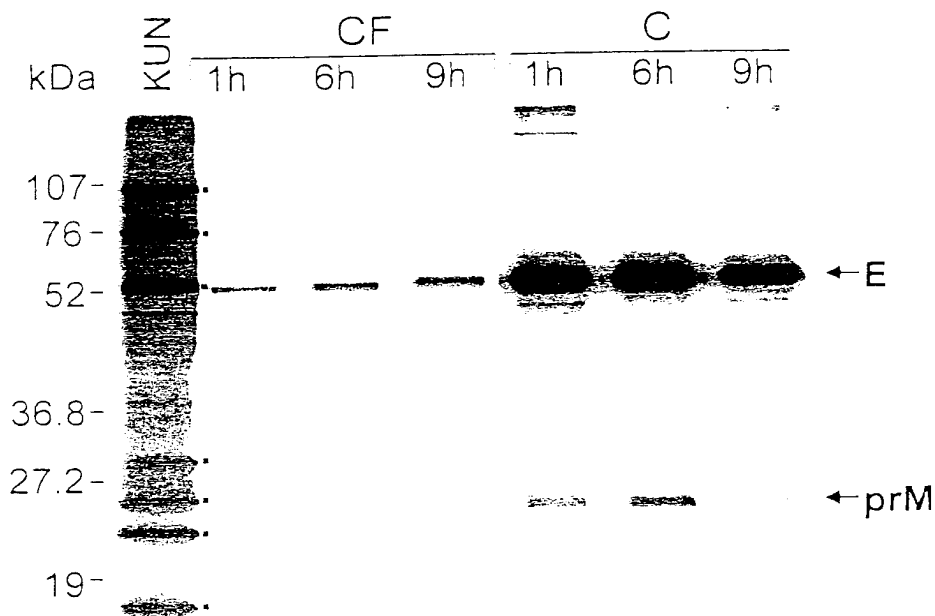


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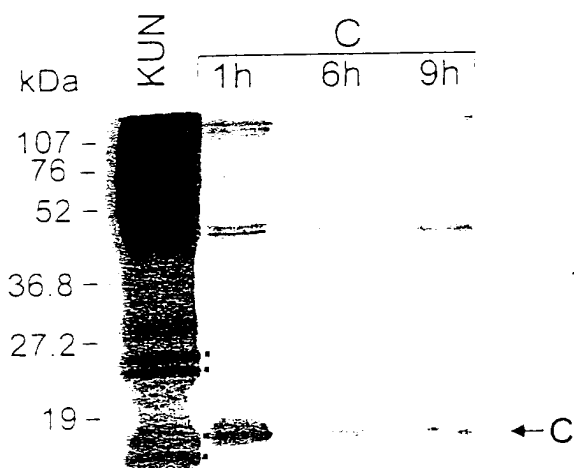
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A



B



C

Fig. 5



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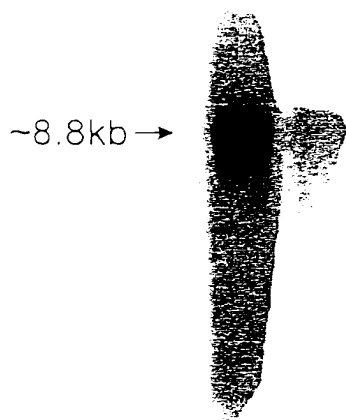
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A

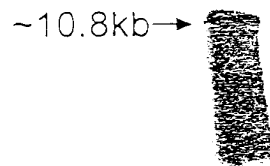


1 2

1 2 3



KUN probe

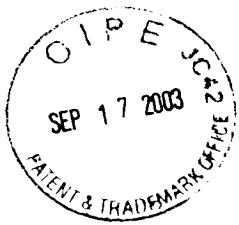


SFV probe

B

C

**Fig. 6.**

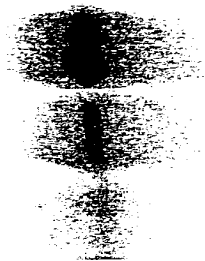


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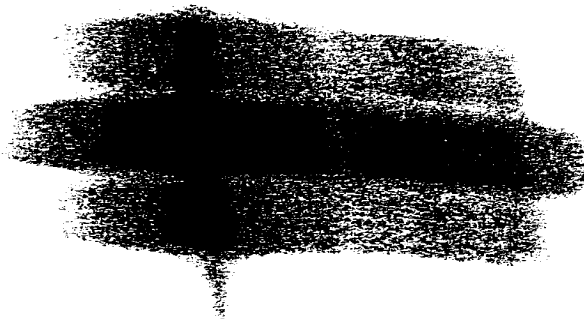
B

Time after 2nd  
transfection (h) 24 30 42



A

Time between  
transfections (h) 12 18 24 30



Titer,  $\times 10^6$  0.27 3.8  
(IU/2  $\times 10^6$  cells) 2.8 1.3

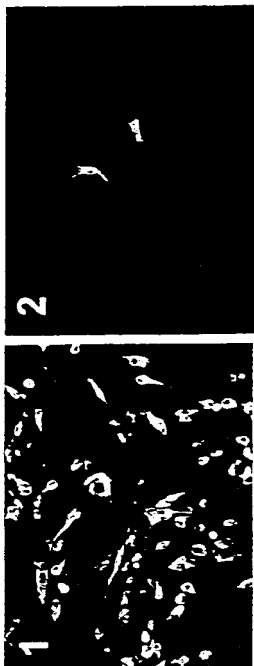
Fig. 7



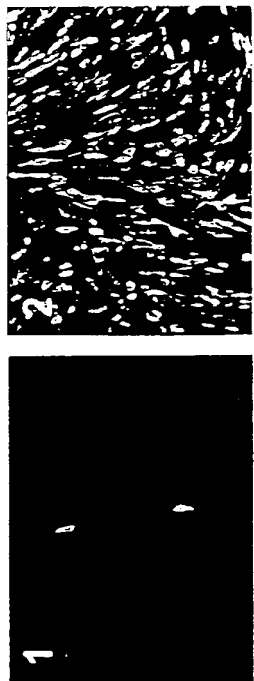
8/20

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B



A



1 2 3



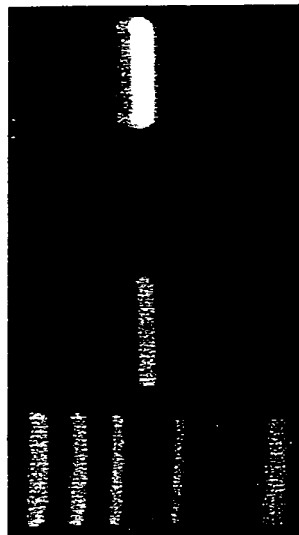
4

3

2

1

bp



872

603

E



prM



C



C

Em 8

D

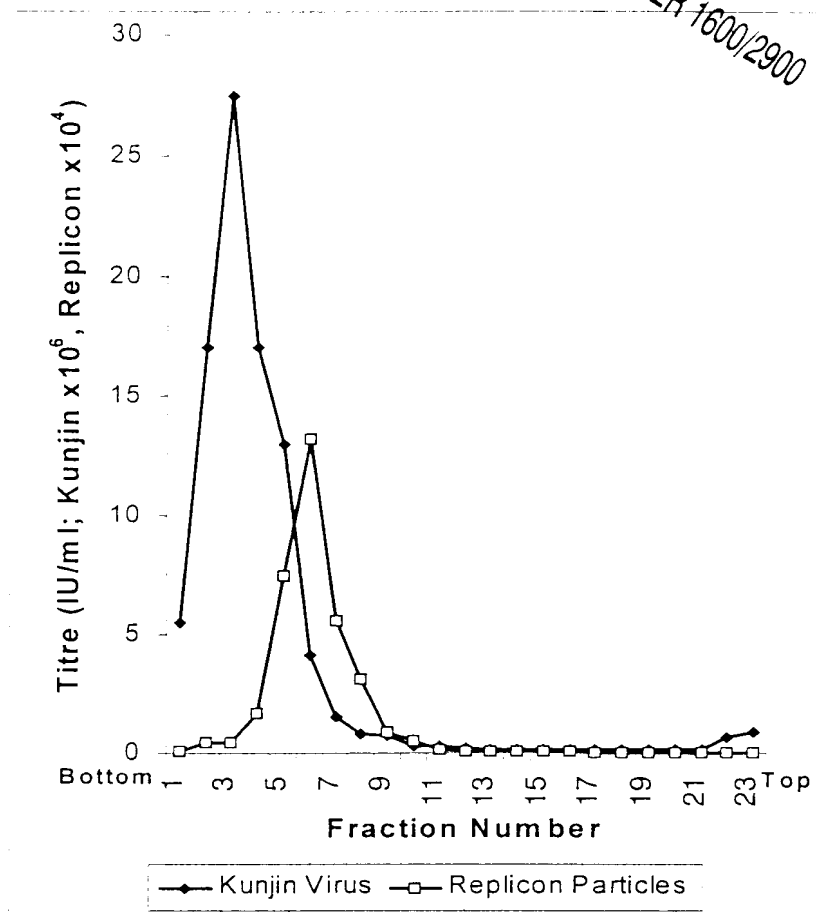




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9A

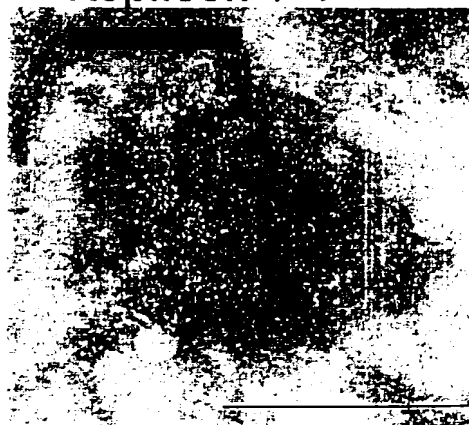


9B

KUN virions



Replicon Particles



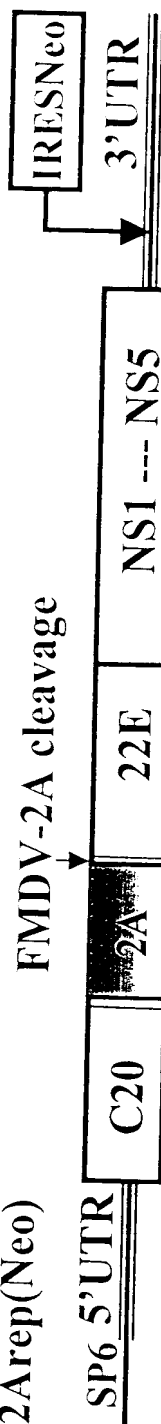


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### 10 A

C20DX2Arep(Neo)



### 10 B

C20DX/hcv-trCore/2Arep

C20DX/hcv-flCore/2Arep

C20DX/CAT/2Arep

C20DX/GFP/2Arep

C20DX/hcv-NS3/2Arep

C20DX/VSV-G/2Arep

C20DX/ $\beta$ -GAL/2Arep

*Spe*I (cloning site)

hcv-trCore (160aa)

hcv-flCore (191aa)

CAT (218aa)

GFP (237aa)

hcv-NS3 (436aa)

VSV-G (509aa)

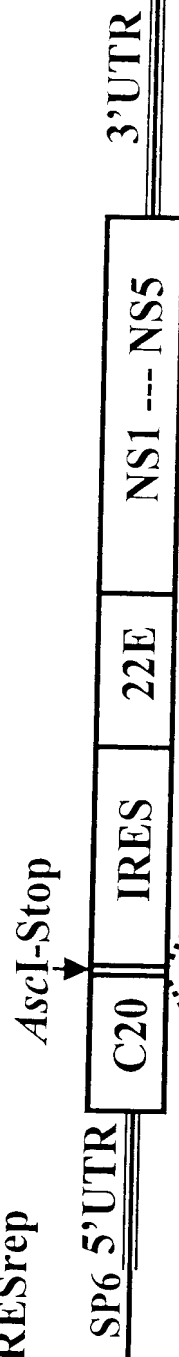
$\beta$ -GAL (1017aa)

+IRESNeo

+IRESNeo

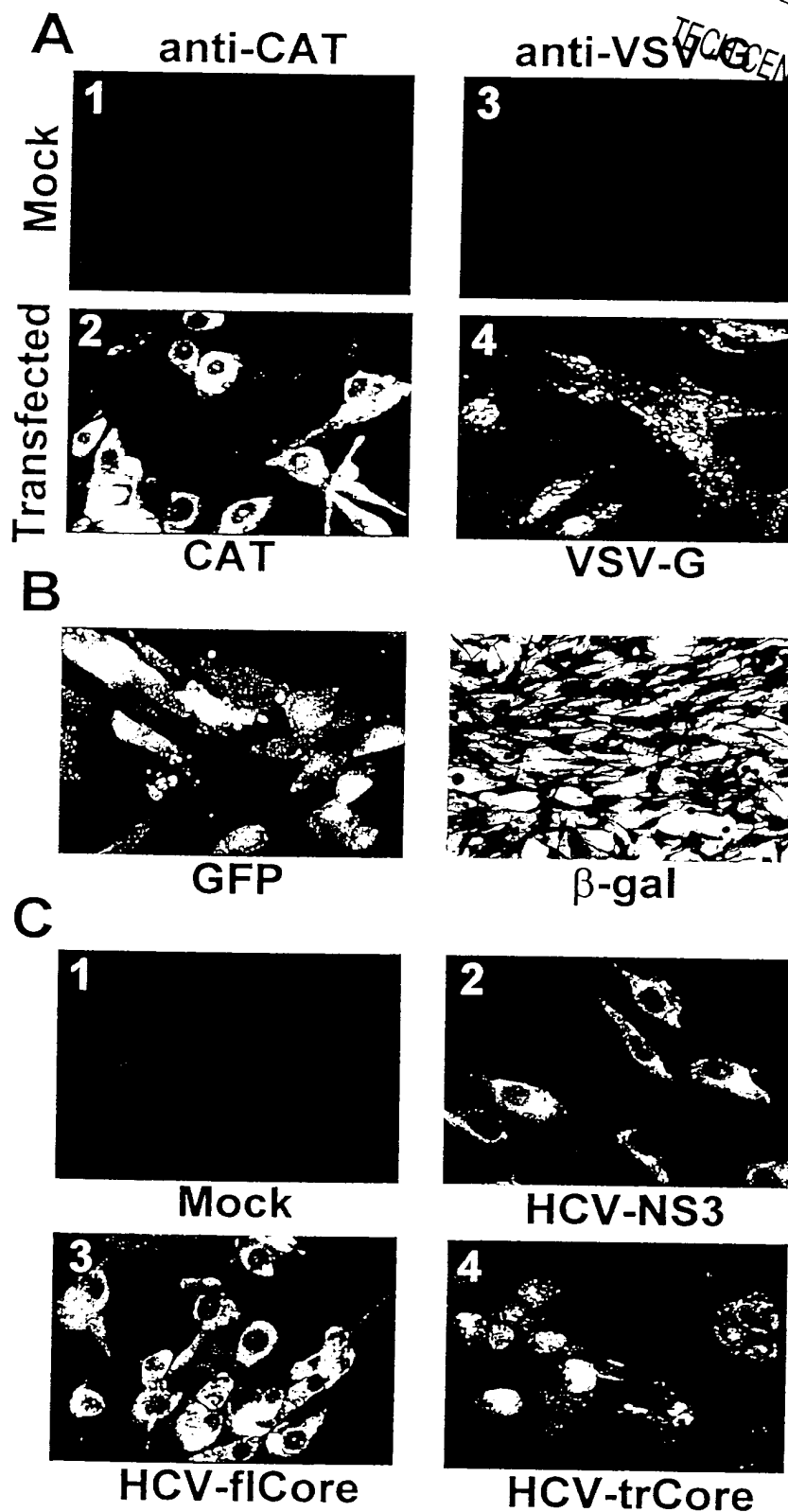
### 10 C

C20DXIRESrep



C20DX/CAT/IRESrep

Fig 10

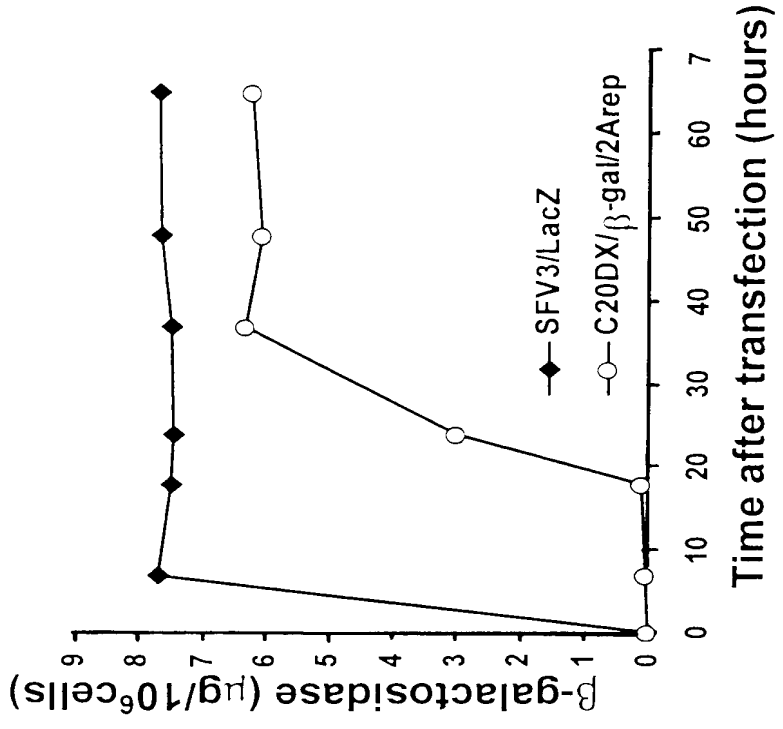




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B



A

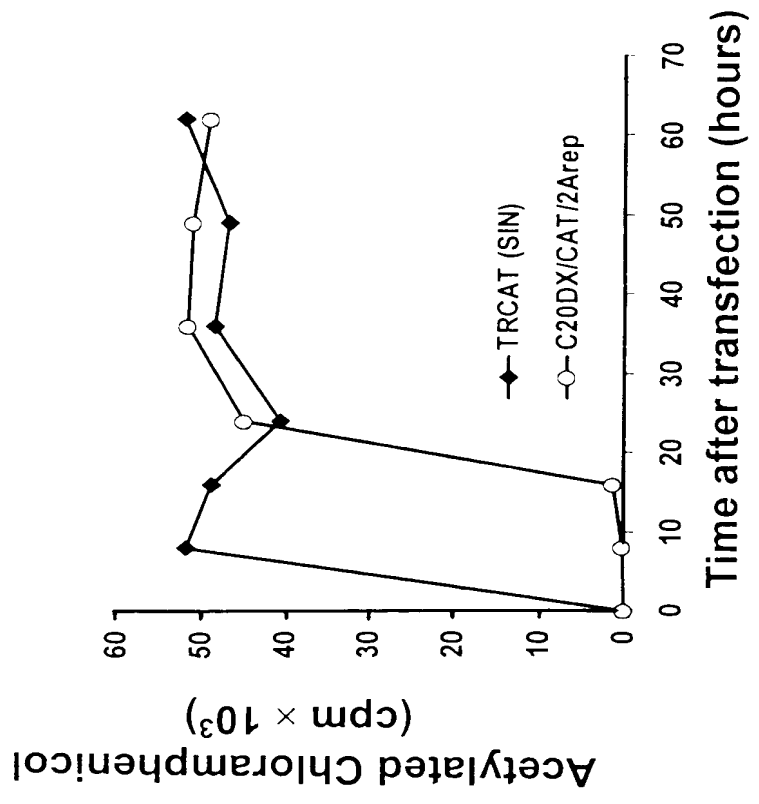
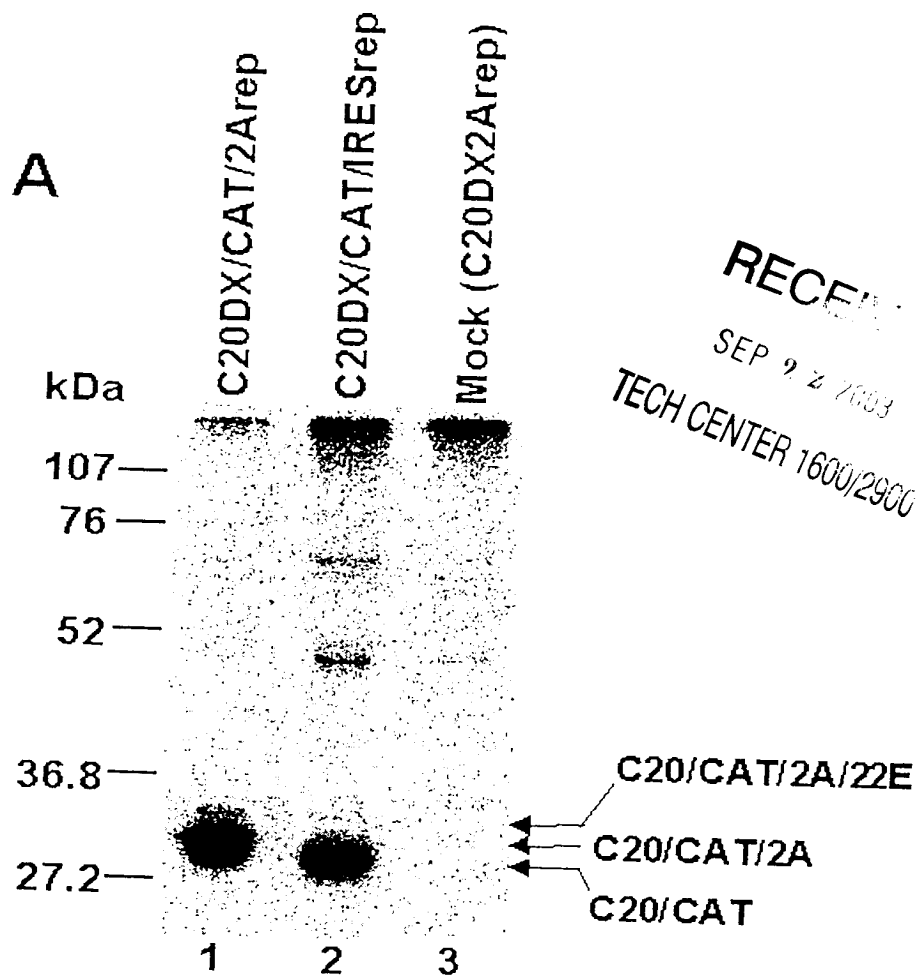
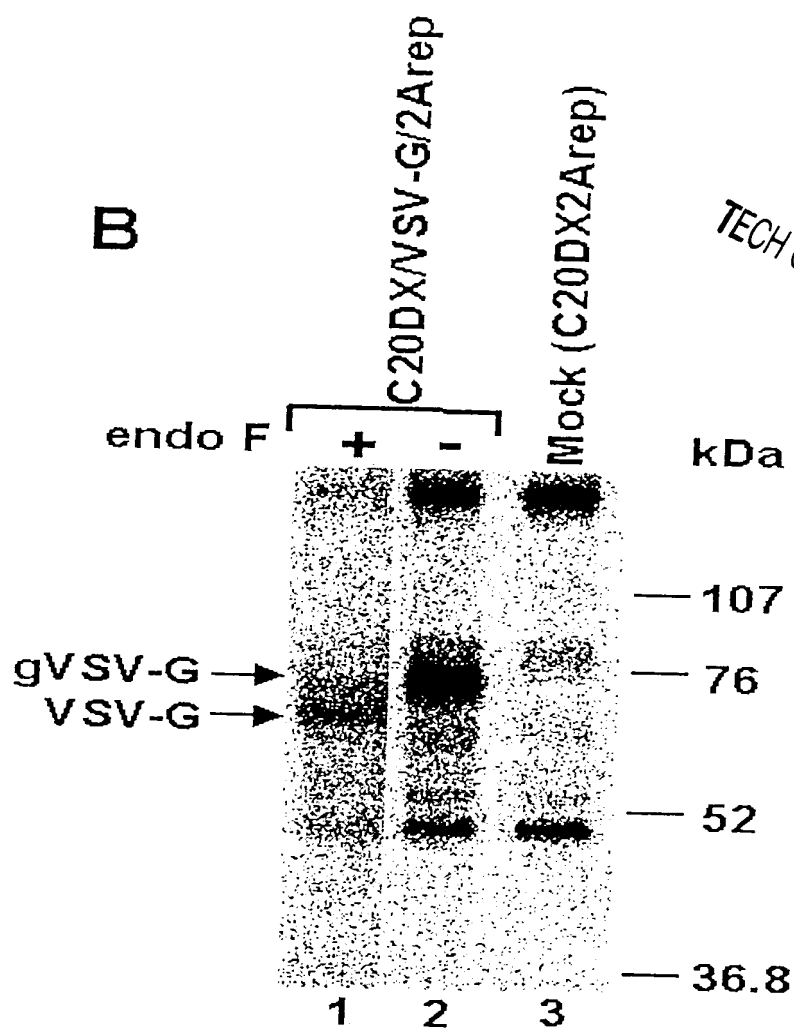


Fig. 12



**Fig 13 a.**



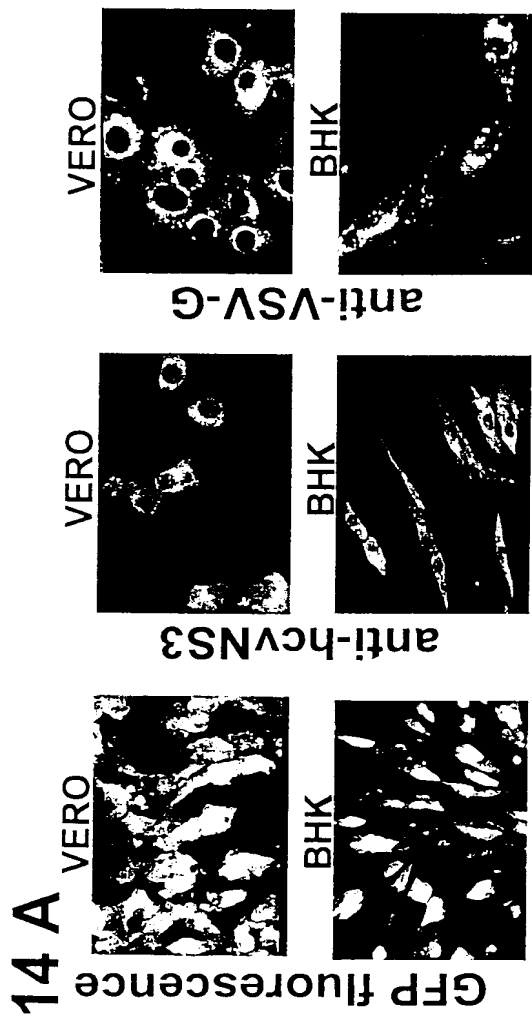
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**Fig. 13 b.**

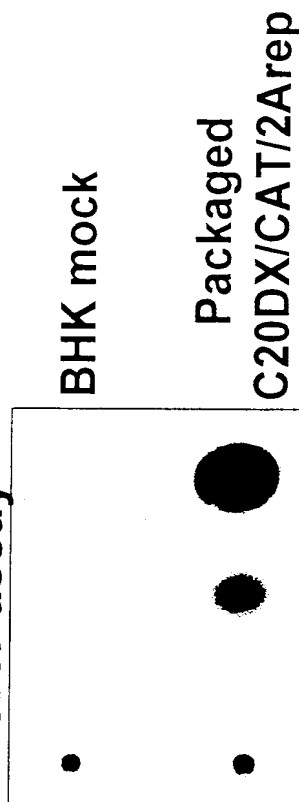


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**14 B** CAT assay



**Fig 14**

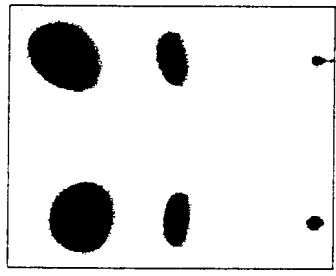


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15A GFP fluorescence 15 B CAT assay



repGFP-BHK (p5)

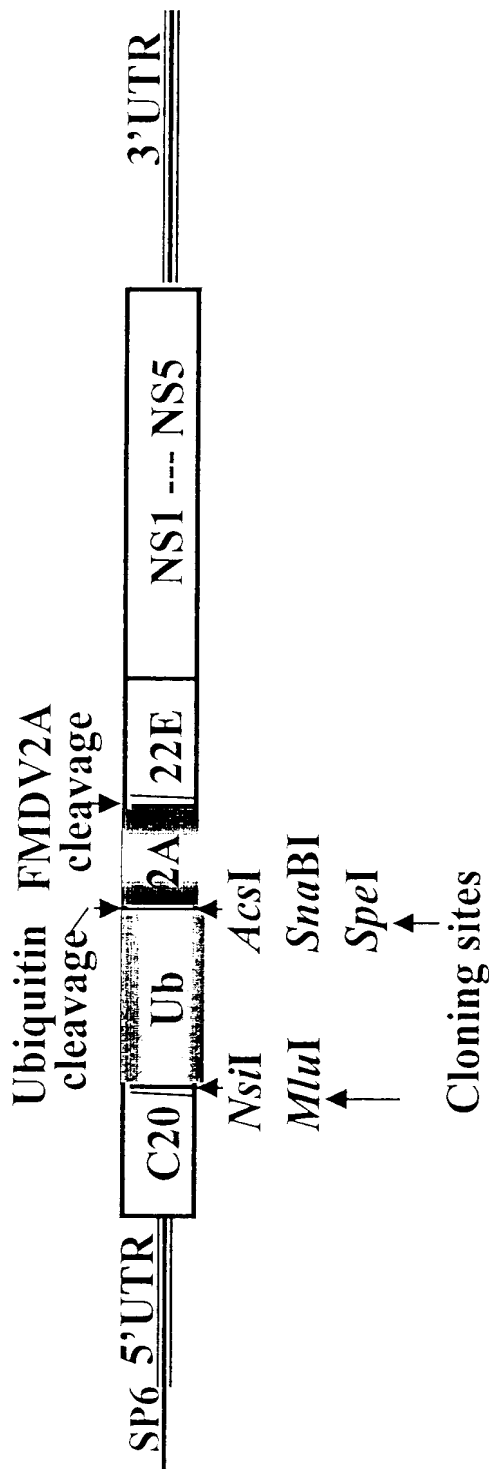


p6 p17  
repCAT-BHK

Em 15

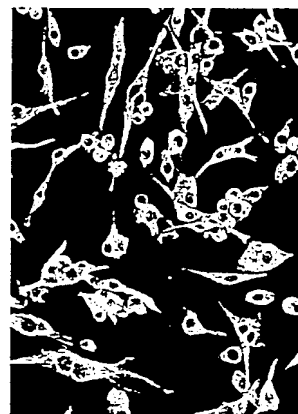


# A C20DXUb2Arep



B

anti-NS3 IF



C20DXrep



C20DXUb2Arep

Fig 16



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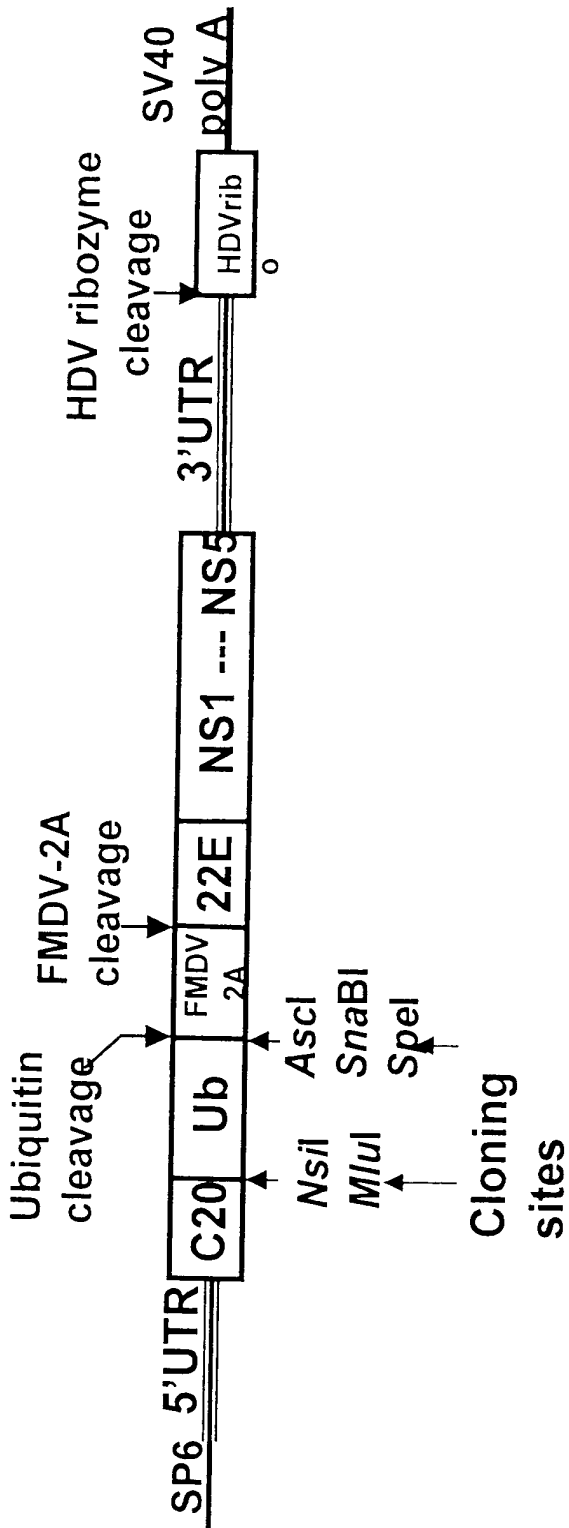
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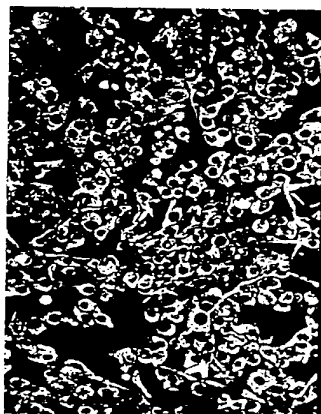
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## A C20DXUb2A\_HDVrep



B

anti-NS3 IF



C20DXUb2A\_HDVrep

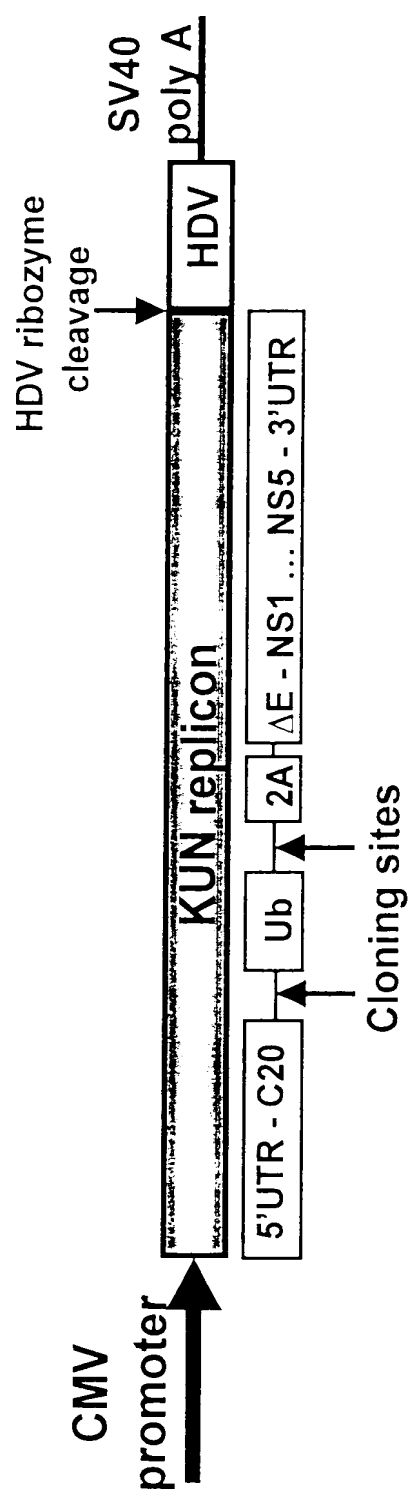
C20DXUb2Arep

Fig 17

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# A pKUNrep1



# B anti-NS3 IF

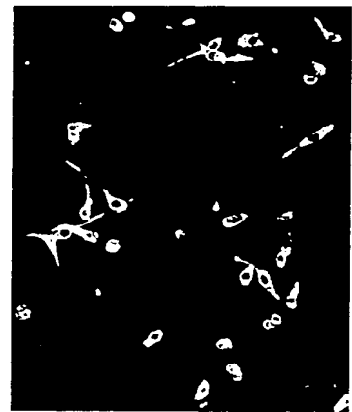
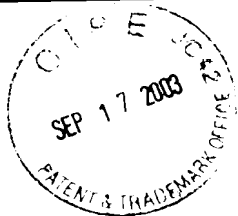


Fig 18



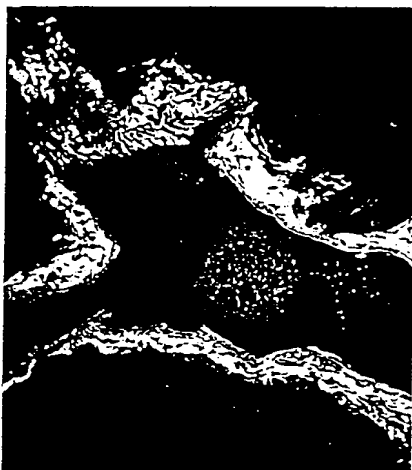
20/20

Immunized mice  
(days after immunization)

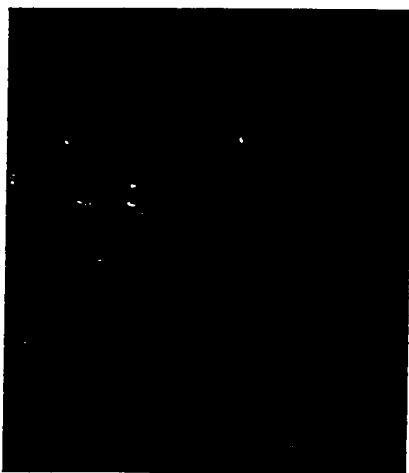
4 days



2 days



Control mouse



Form 10

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